

# **SAFETY DATA SHEET**

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/25/2015

|                   | , , ,   | IOHSC, WHMIS,   | ,  |   |  |   |  |   |  |  |  |  |  |  |  |
|-------------------|---|---|--|---|--|---|--|---|--|--|--|--|--|--|--|
|                   |   |   | DD OD HO   | F 0 0014  | D A NIX  | IDEA  |  | 104   | TION   |  |  |  |  |  |  |
|                   |   | 1   | PRODUC   |   |  | IDEN  | 111F   | ICA   | HON  | 1  |  |  |  |  |  |
| .1                | Product Name:   | BLEND   | PREP TAC   | K CLOTH   | 1  |   |  |   |  |  |  |  |  |  |  |
| 2                 | Chemical Name:  | Tack Cloth  |  |   |  |   |  |   |  |  |  |  |  |  |  |
| 3                 | Synonyms:   | P/N 66578   |  |   |  |   |  |   |  |  |  |  |  |  |  |
| 1                 | Trade Names:  | Blend Prep  | Tack Cloth   |   |  |   |  |   |  |  |  |  |  |  |  |
| 5                 | Product Uses & Restrictions:                                | Tack Cloth  |  |   |  |   |  |   |  |  |  |  |  |  |  |
| 3                 | Distributor's Name:   |   | ght Tools USA, Inc   |   |  |   |  |   |  |  |  |  |  |  |  |
| 7                 | Distributor's Address:                                      |   | ra Road, Calabas   | ,   |  |   |  |   |  |  |  |  |  |  |  |
| В                 | Emergency Phone:  | CHEMTR  | EC: +1 (703)   | 527-3887 /  | +1 (800  | ) 424-  | 9300   | (CC   | N 676  | 687)   |  |  |  |  |  |
| 9                 | Business Phone / Fax:                                       | +1 (805) 388  | 3-1000   |   |  |   |  |   |  |  |  |  |  |  |  |
|                   |   |   | 0 114  | 740001  |  |   | · <del></del>  |   |  |  |  |  |  |  |  |
|                   |   | 1   |  | ZARDS I   |  |   |  |   |  |  |  |  |  |  |  |
| ı                 | Hazard Identification:                                      |   | t is classified as   |   |  |   |  |   |  |  |  | GOO  | os   |  |  |
|                   |   | _   | the classification   |   |  | 38 (2004  | i) and   | ADG (   | Soae (   | Austra   | ıııa).   |  |  |  |  |
|                   |   | _   | n: Acute Tox. 5  | FUL IF INFIAL   | .ED.   |   |  |   |  |  |  |  |  |  |  |
|                   |   |   | n. Acute 10x. 3<br>ements (H): H333  | R – May be bar  | mful if inh  | haled   |  |   |  |  |  |  |  |  |  |
|                   |   |   | ry Statements (P)  |   |  |   | · Call :   | a POIS  | ON C   | NTF  | R/doct   | or if v  | ou.  | <b>\</b>   | Ţ  |
|                   |   |   | P280 – Wear pr   |   |  |   |  |   |  |  |  |  |  |  | <b>\</b> '/  |
|                   |   | SKIN: Was   | h with soap ar   | nd water. F   | P333+P31   | 13 – If   | skin   | irritat   | ion oc   | curs:  | Get  | media  | cal  |  |  |
|                   |   |   | tion. P501 – Disp  | oose of conter  | nts/contai   | ner to a  | licens   | ed trea   | atment   | stora  | ge or  | dispos   | sal  |  |  |
|                   |   | facility (TSD   | F).  |   |  |   |  |   |  |  |  |  |  |  |  |
|                   |   | 2 0   | OMPOCITI   |   | DEDI   | CNIT  |  |   | 1 A TI   | <u> </u>   |  |  |  |  |  |
|                   |   | 3. C  | OMPOSITI   | ON & INC  | KEDI   | ENI   | INF  | UKI   |  |  |  |  | . 3.   |  |  |
|                   |   |   |  |   |  | EXPOSURE LIMITS IN AIR (mg/m³)  |  |   |  |  |  |  | ig/m°)   | _  |  |
|                   |   |   |  |   |  | ACG   | и І  |   | JOHSC  |  |  | OSHA   |  |  |  |
|                   |   |   |  |   |  | ACG<br>ppn  |  |   | NOHSC<br>ppm   |  |  | OSHA<br>ppm  |  | -  |  |
|                   |   |   |  |   |  | ppn   | n  | ES-   | ppm<br>ES-   | ES-  |  | ppm  |  |  |  |
|                   | CAL NAME(S)   | CAS No.   | RTECS No.  | EINECS No.  | %<br>60.100  | ppn<br>TLV  | n<br>STEL  | ES-<br>TWA  | ppm<br>ES-<br>STEL   | PEAK   | PEL  | ppm<br>STEL  |  |  | OTHER  |
| OPI               | RIETARY – SYNTHETIC   | NA  | RTECS No.  | EINECS No.  | %<br>60-100  | ppn<br>TLV  | n  | ES-   | ppm<br>ES-   |  |  | ppm  | IDLH<br>NA   |  | OTHER  |
| OPI<br>DR         | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | NA  |  |   |  | ppn<br>TLV  | n<br>STEL  | ES-<br>TWA  | ppm<br>ES-<br>STEL   | PEAK   | PEL  | ppm<br>STEL  |  |  | OTHER  |
| OPI<br>DR         | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | NA  | NA   | NA  | 60-100   | TLV NA  | STEL<br>NA   | ES-<br>TWA  | ppm<br>ES-<br>STEL   | PEAK   | PEL  | ppm<br>STEL  |  |  | OTHER  |
| OPI               | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | NA  | 4. I   | FIRST AII   | 60-100<br>D ME   | TLV<br>NA   | STEL<br>NA   | ES-<br>TWA<br>NF  | ES-<br>STEL I  | NF   | PEL<br>NA  | STEL<br>NA   | NA   |  |  |
| OPI<br>OR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | NA  | A. I   | FIRST Allely; however, if   | D MEA  | TLV NA  | STEL NA  | ES-<br>TWA<br>NF  | PPM<br>ES-<br>STEL<br>NF   | NF Contact   | PEL NA   | STEL<br>NA   | NA<br>st Pois  |  | Control C  |
| OPI<br>OR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | RY  | 4. Ingestion unlike or local emerge  | FIRST All   | D MEA  | TLV NA  | STEL NA  | ES-<br>TWA<br>NF  | PPM<br>ES-<br>STEL<br>NF   | NF Contact   | PEL NA   | STEL<br>NA   | NA<br>st Pois  |  | Control C  |
| OPI<br>OR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | NA Ingestion:   | A. Ingestion unlike or local emerge amount of the s  | FIRST All ely; however, it ency number. substance that  | D MEA fingested Provide was swa  | TLV NA  | STEL NA  | ES-<br>TWA<br>NF  | ppm ES- STEL NF  itting. (time at  | NF Contact which   | PEL NA   | STEL<br>NA   | NA<br>st Pois  | inge   | Control C  |
| PI<br>PR<br>(K)   | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | RY  | Ingestion unlike or local emerge amount of the s   | FIRST Allely; however, it ency number. substance that duct gets in the  | D MEA fingested Provide was swa e eyes, fle  | TLV NA  | STEL NA  | ES-<br>TWA<br>NF  | ppm ES- STEL NF  itting. (time at  | NF Contact which   | PEL NA   | STEL<br>NA   | NA<br>st Pois  | inge   | Control C  |
| PI<br>PR<br>(K)   | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | Ingestion:  Eyes:   | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and  | FIRST All ely; however, it ency number. substance that duct gets in the dilower lids, or  | D MEA f ingested Provide was swa e eyes, fluccasionall   | TLV NA SUR I, do not an estir llowed. ush with y.   | STEL NA RES induction at a copie   | ES-<br>TWA<br>NF  | ppm ES- STEL NF itting. Cime at  | NF Contact which   | PEL NA   | STEL<br>NA   | NA<br>st Pois  | inge   | Control C  |
| PI<br>PR<br>(K)   | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | Ingestion:  Eyes: Skin:   | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough  | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, oc ly with soap al  | D MEA f ingested Provide was swa e eyes, fluccasionall and water.  | NA SUR I, do not an estir llowed. ush with y. Not ex  | STEL NA  RES induction copid   | ES-<br>TWA<br>NF  | ppm ES- STEL NF itting. Cime at an irrit   | Contact which of luke ant.   | PEL NA ct the root the note of the new arm   | STEL<br>NA<br>neares<br>nateria  | st Pois<br>al was  | inge   | Control C<br>ested an<br>st 15 mi  |
| PI<br>PR<br>(K)   | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | Ingestion:  Eyes:   | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough Remove victim  | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap al to fresh air a   | f ingested<br>Provide<br>was swa<br>e eyes, fluccasionall<br>and water.  | NA SUR I, do not an estir llowed. ush with y. Not ex If breat   | STEL NA  RES induction at copic pecter hing i  | ES-<br>TWA<br>NF<br>NF<br>e vom<br>of the to<br>bus am  | ppm ES- STEL NF iting. (ime at a ounts an irritual, ad   | Contac<br>which<br>of luke   | PEL NA Ct the root the note of the nation warms  | STEL<br>NA<br>neares<br>nateria  | st Pois<br>al was  | inge   | Control C<br>ested an<br>st 15 mi  |
| DPI<br>DR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF               | Ingestion:  Eyes: Skin:   | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough Remove victim artificial respira   | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap al to fresh air a   | f ingested<br>Provide<br>was swa<br>e eyes, fluccasionall<br>and water.<br>at once.<br>rson warr   | NA SUR I, do not an estir llowed. ush with y. Not ex If breat m, quiet  | STEL NA  RES induction at a copic pecter hing i and g  | e vom   | iting. (ime at an irritult, addical attical  | Contac<br>which<br>of luke<br>ant.<br>minist   | PEL NA Ct the ron the newarm   | STEL NA neares nateria wate  | st Pois<br>al was  | inge   | Control C<br>ested an<br>st 15 mi  |
| )PI<br>)R(<br>;K) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation: Ingestion:                                      | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough Remove victim  | FIRST All ely; however, it ency number. substance that duct gets in the dower lids, or ly with soap at to fresh air attion. Keep pe   | f ingested<br>Provide<br>was swa<br>e eyes, fluccasionall<br>nd water.<br>at once.<br>rson warrs<br>s swallow  | NA SUR I, do not an estir llowed. ush with y. Not ex If breat m, quiet yed, may   | STEL NA  STEL NA  RES  induction attack of copic pecter hing i and g   | e vomof the to be sidifficet medee gast   | iting. (ime at an irritual, addical attrointes   | Contact which of luke ant. minist tentior tinal d  | PEL NA  Ct the route the note that the note th | stel NA  neares nateria wate  /gen. ance.  | st Pois<br>al was<br>r for a   | inge<br>it leas  | Control Con  |
| DPI<br>DR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation:   | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough Remove victim artificial respiral Ingestion unlike   | FIRST All ely; however, it ency number. substance that duct gets in the dower lids, or ly with soap at to fresh air attion. Keep peely; If product i ust may caus   | f ingested<br>Provide<br>was swa<br>e eyes, fluccasionall<br>nd water.<br>at once.<br>rson warrs<br>s swallow  | NA SUR I, do not an estir llowed. ush with y. Not ex If breat m, quiet yed, may   | STEL NA  STEL NA  RES  induction attack of copic pecter hing i and g   | e vomof the to be sidifficet medee gast   | iting. (ime at an irritual, addical attrointes   | Contact which of luke ant. minist tentior tinal d  | PEL NA  Ct the route the note that the note th | stel NA  neares nateria wate  /gen. ance.  | st Pois<br>al was<br>r for a   | inge<br>it leas  | Control Con  |
| DPI<br>DR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation: Ingestion:                                      | Ingestion unlike or local emerge amount of the s Unlikely, if proclifting upper and Wash thorough Remove victim artificial respiral Ingestion unlike Exposure to di  | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap al to fresh air a tion. Keep pe ely; If product i ust may caus atering.   | f ingested Provide was swa e eyes, flucasionall nd water. at once. rson warrs s swallow e eye irri   | NA SUR I, do not an estir Illowed. ush with y. Not ex If breat m, quiet yed, may itation.   | RES induction and grand  | ES-<br>TWA<br>NF  NF  The vomit of the true of true | iting. (ime at an irritual, addical attrointes of over   | Contact which of luke ant. minist tentior tinal direxpo  | PEL NA  Ct the ron the note warm  er oxy n.  listurbasure r  | NA  STEL NA  neares nateria wate   | NA st Pois al was r for a  | inge inge it leas  | Control Coested an st 15 min st 15 min stops   |
| DPI<br>DR(<br>CK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Skin: Skin:                         | Ingestion unlike or local emerge amount of the sun Unlikely, if proclifting upper and Wash thorough Remove victim artificial respiratingestion unlike Exposure to dirritation and was Unlikely; however sensitive individual | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap al to fresh air a tion. Keep pe ely; If product i ust may caus atering. ver the product duals.  | f ingested Provide was swa e eyes, flucasionall and water. at once. rson warrs swallow e eye irricat can ca  | NA SUR I, do not an estir llowed. ush with y. Not ex If breat m, quiet yed, may itation. use alle   | RES induce a copid pecteching i and g y caus Symp  | e vom of the to be sidifficet meders of the sidifficet medical medic      | iting. (ime at an irritual, addical attrointes of overactions  | Contact which contact will be contact with the contact which contact with the contact will be contact | pel NA  ct the ron the note warm er oxyn. listurbasure ron tashe   | nearess<br>naterial wate   | st Pois<br>al was<br>r for a<br>If bre   | e red  | Control Coested and st 15 min st 15 min st 15 min stops  |
| PPI<br>PR(<br>FK) | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation: Ingestion: Eyes:                                | Ingestion unlike or local emerge amount of the sun Unlikely, if proclifting upper and Wash thorough Remove victim artificial respiratingestion unlike Exposure to dirritation and was Unlikely; however sensitive individinhalation unlikely.  | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap ar to fresh air a tion. Keep pe ely; If product i ust may caus atering. ver the product duals. kely; however  | f ingested Provide was swa e eyes, flucasionall and water. at once. rson warrs swallow e eye irricat can ca  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet red, may itation. use alled ed coug  | RES induce of copies and g y caus Symplergic s   | ES-<br>TWA<br>NF  Pe vom of the topus am of to be so diffice the gast otoms kin rea wheez   | iting. (ime at an irritual, addical attrointes of overactions zing, s  | PEAK NF Contact NF   | pel NA  ct the ron the note warm er oxyn. listurbasure ron tashe   | nearess<br>naterial wate   | st Pois<br>al was<br>r for a<br>If bre   | e red  | Control Coested and st 15 min st 15 min st 15 min stops  |
| DPI<br>DR(<br>K)  | RIETARY – SYNTHETIC D-ENTANGLED FIBERS (DF                  | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:                         | Ingestion unlike or local emerge amount of the such that the sum of the sum o | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap ar to fresh air a tion. Keep pe ely; If product i ust may caus atering. ver the product duals. kely; however ion or sorenes   | f ingested Provide was swa e eyes, flucasionall and water. at once. rson warr s swallow e eye irrict can ca if inhales in throa  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet ved, may itation. use alled coug tt, nose it.  | RES induced a copic and g y cause symplergic subhing, and re   | e vom of the to ous am d to be s diffic et med e gast btoms kin rea   | iting. (ime at an irritual, ad dical attrointes of overactions sory trace  | PEAK NF Contact NF   | PEL NA  Ct the ron the note warm  er oxyon.  listurba sure ron, rashe  | neares wate wate in an area water water is water in an area water in a water in  | st Pois<br>al was<br>r for a<br>If bre   | e red  | Control Coested and st 15 min st 15 min st 15 min stops  |
| DPI<br>DR(<br>K)  | RIETARY – SYNTHETIC<br>D-ENTANGLED FIBERS (DF<br>First Aid: | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion:              | Ingestion unlike or local emerge amount of the such that the sum of the sum o | FIRST Allely; however, if ency number. Substance that duct gets in the dower lids, or ly with soap at to fresh air attion. Keep peely; If product it ust may caus atering. We the production or sorenessely; If product it  | f ingested Provide was swa e eyes, flucasionall and water. at once. rson warrs swallow e eye irricat can ca if inhales in throas swallows swallow  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet ved, may itation. use alled coug tt, nose ved, may   | RES induced a copic of and g y cause sy y cause y y y cause y y y cause y y y cause y y y y y y y y y y y y y y y y y y y  | e vom of the to ous am d to be s diffic et med e gast btoms kin rea wheez   | iting. (ime at an irritual, ad dical attrointes of over actions zing, sory tracerointes)   | PEAK NF Contact NF   | PEL NA  Ct the ron the note warm  er oxyn.  listurba sure ron the note warm  | neares nateria wate rgen. may ir breat breat breat ance.   | st Poiss<br>al was<br>r for a<br>If bre  | e red  | Control Coested and st 15 min st 15  |
| DPI<br>DR(<br>CK) | RIETARY – SYNTHETIC D-ENTANGLED FIBERS (DF                  | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:                         | Ingestion unlike or local emerge amount of the such that t | FIRST All ely; however, it ency number. substance that duct gets in the d lower lids, oc ly with soap ar to fresh air a tion. Keep pe ely; If product i ust may caus attering. ver the product duals. kely; however ion or sorenes ely; If product i ust may caus         | f ingested Provide was swa e eyes, flucasionall and water. at once. rson warrs swallow e eye irricat can ca if inhales in throas swallows swallow  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet ved, may itation. use alled coug tt, nose ved, may   | RES induced a copic of and g y cause sy y cause y y y cause y y y cause y y y cause y y y y y y y y y y y y y y y y y y y  | e vom of the to ous am d to be s diffic et med e gast btoms kin rea wheez   | iting. (ime at an irritual, ad dical attrointes of over actions zing, sory tracerointes)   | PEAK NF Contact NF   | PEL NA  Ct the ron the note warm  er oxyn.  listurba sure ron the note warm  | neares nateria wate rgen. may ir breat breat breat ance.   | st Poiss<br>al was<br>r for a<br>If bre  | e red  | Control Coested and st 15 min st 15  |
| OPI<br>DR         | RIETARY – SYNTHETIC D-ENTANGLED FIBERS (DF                  | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: | Ingestion unlike or local emerge amount of the such that the control of the control  | FIRST All  Ely; however, it ency number. substance that duct gets in the dower lids, or ly with soap ar to fresh air a tion. Keep pe ely; If product i ust may caus atering.  ver the product duals. kely; however ion or sorenes ely; If product i ust may caus atering. | fingested Provide was swa e eyes, flucasionall nd water. at once. rson warr s swallow e eye irricat can ca if inhales in throas swallow e eye irricate eye irricate can can son warren can can can can can can can can can ca  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet ved, may itation. use alled coug tt, nose ved, may itation.  | RES induce of copies and g y cause symplergic symplems. Symplems of copies symplems of the copies of | e vom of the to ous am d to be s diffice e gast otoms kin rea wheez espirate e gast   | iting. Comments of over actions of over over one of ov | PEAK NF  | er oxyn. listurbasure r ashess of listurbasure r   | neares<br>naterial<br>wate<br>gen.<br>ance.<br>may ir  | NA  St Pois  If bre  If bre  Clude  Other include  Other include | s ingest least the search in t | Control Contro |
| OPI<br>DR(<br>CK) | RIETARY – SYNTHETIC D-ENTANGLED FIBERS (DF                  | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion:              | Ingestion unlike or local emerge amount of the such that t | FIRST All  By; however, it ency number. substance that duct gets in the dower lids, or ly with soap ar to fresh air a tion. Keep pe By; If product i ust may caus attering. ver the product ion or sorenes By; If product i ust may caus attering. ver product of         | fingested Provide was swa e eyes, flucasionall nd water. at once. rson warr s swallow e eye irricat can ca if inhales in throas swallow e eye irricate eye irricate can can son warren can can can can can can can can can ca  | NA SUR I, do not an estir illowed. ush with y. Not ex, If breat m, quiet ved, may itation. use alled coug tt, nose ved, may itation.  | RES induce of copies and g y cause symplergic symplems. Symplems of copies symplems of the copies of | e vom of the to ous am d to be s diffice e gast otoms kin rea wheez espirate e gast   | iting. Comments of over actions of over over one of ov | PEAK NF  | er oxyn. listurbasure r ashess of listurbasure r   | neares<br>naterial<br>wate<br>gen.<br>ance.<br>may ir  | NA  St Pois  If bre  If bre  Clude  Other include  Other include | s ingest least the search in t | Control Contro |
| OPI<br>DR(<br>CK) | RIETARY – SYNTHETIC D-ENTANGLED FIBERS (DF                  | Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: | Ingestion unlike or local emerge amount of the such that the control of the control  | FIRST All  sely; however, it ency number. substance that duct gets in the d lower lids, or ly with soap ar to fresh air a tion. Keep pe ely; If product i ust may caus attering. ver the product iust may caus attering. ver product of duals.                            | fingested Provide was swale eyes, flucasionall nd water. at once. rson warr s swallow e eye irrict can ca if inhales in throas s swallow e eye irrict can cause eye irrict can cause was an cause can cause ca | NASUR I, do not an estir llowed. When the second it is a construction.  Not explication.  Not explication.  Not explication.  Use alled cought, nose a cought, nose a cought, nose a cought, nose a cought. | NA  RES  induction copic n copic n copic n and g y caus Symp and re y caus Symp ic ski   | e vom of the to ous am d to be s diffice et med e gast otoms kin rea espirate e gast otoms  | iting. Comments of over tions (  | PEAK NF Contact Which I was ant. The interest of luke ant. The interes | er oxyon. listurbasure r ashes   | meares water water bream | st Pois st Pois al was r for a  If bre nclude  | e red erma   | Control Contro |

HARBOR FREIGHT TOOLS

Quality Tools at Ridiculously Low Prices

# **SAFETY DATA SHEET**

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SDS Revision: 1.1 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/25/2015 4. FIRST AID MEASURES - cont'd 4 4 Acute Health Effects: Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of dust can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Non-irritating when used as directed. Possible allergic dermatitis in some sensitive individuals 4.5 Chronic Health Effects: 4.6 Target Organs: Eves, Skin. 47 Medical Conditions HEALTH Pre-existing dermatitis, other skin conditions. 1 Aggravated by Exposure: **FLAMMABILITY** 0 PHYSICAL HAZARDS 0 PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO<sub>X</sub>, Hydrocarbons). Extinguishing Methods: 5.2 CO<sub>2</sub>, Dry Chemical, Alcohol Foam. Use water spray to cool containers 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fireexposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill individuals involved in cleanup must wear appropriate Personal Protective Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. No special precautions are required for intact packaging containing this product. If product is crushed, use respiratory protection equipment. Do not use compressed air to clean up any residue. Use a wet method or vacuums equipped with High Efficiency Particulate (HEPA) filters to clean up any residues from this product. Waste must be placed in dust tight containers or sealed plastic bags for disposal. Label properly. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. Handle as to avoid puncturing container(s). Wash unintentional residues with soap and warm water. 7.2 Storage & Handling: Use and store in a cool, drv. well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage Special Precautions: 7.3 Clean all spills promptly. Spilled material may present a slipping hazard. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION Exposure Limits: ACGIH NOHSC OSHA OTHER 8.1 ppm (mg/m<sup>3</sup>) CHEMICAL NAME(S) STEL ES-TWA ES-STEL ES-PEAK STEL NA NA NA NF NF NF NA NA 8.2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station). Respiratory Protection: 8.3 In instances where dusts are generated when using this product, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Eye Protection: 8.4 Avoid eye contact. Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if 8.5 Hand Protection: frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states. 8.6 Body Protection: Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.

# HARBOR FREIGHT TOOLS Quality Tools at Midiculously Low Prices

13.1

13.2

Waste Disposal

Special Considerations:

NA

# SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/25/2015 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Blue cloth like; synthetic hydro-entangled fibers locked together for durable, tear resistant and lint-free fabric. 92 Odor. Mild odor 9.3 Odor Threshold: NA 9.4 NA 9.5 Melting Point/Freezing Point: NA Initial Boiling Point/Boiling 9.6 NA 9.7 Flashpoint: > 204.4 °C (400 °F) 9.8 Upper/Lower Flammability NA 99 Vapor Pressure: NA 9.10 Vapor Density: NA 9.11 Relative Density: NA 9.12 Solubility: Insoluble Partition Coefficient (log Pow): 9.13 NA 9.14 Autoignition Temperature NA 9.15 Decomposition Temperature: NA NA 9.17 Other Information: NA 10. STABILITY & REACTIVITY 10.1 Stability: Stable under normal conditions; unstable with heat or contamination. 10.2 Hazardous Decomposition Oxides of carbon (CO, CO<sub>2</sub>). Products 10.3 Hazardous Polymerization: Will not occur. Open flames, sparks, high heat, incompatible substances and direct sunlight. 104 Conditions to Avoid: 10.5 Incompatible Substances: Avoid extreme heat and ignition sources. Store away from oxidizers. 11. TOXICOLOGICAL INFORMATION 11.1 Routes of Entry: Absorption: YES Ingestion: YES 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is not presented in this document 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity: See Section 4.5 11.5 Suspected Carcinogen: No 11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.7 Irritancy of Product: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. 11.8 Biological Exposure Indices: ΝE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION There are no specific data available for this product. Environmental Stability: 12.1 Effects on Plants & Animals: 12.2 There are no specific data available for this product Effects on Aquatic Life: There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, provincial and local regulations.

HARBOR FREIGHT TOOLS

Quality Tests at Ridiculously Low Prices

# **SAFETY DATA SHEET**

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/25/2015

|      |                                      | 14. TRANSPORTATIO   | N INFORMATION  |
|------|--------------------------------------|---|--|
|      |                                      | nber, proper shipping name, hazard class & division<br>e required by 49 CFR, IATA/ICAO, IMDG and the C  | n, packing group) is shown for each mode of transportation. Addition TDGR.   |
| 14.1 | 49 CFR (GND):                        | NOT REGULATED   |  |
| 14.2 | IATA (AIR):                          | NOT REGULATED   |  |
| 14.3 | IMDG (OCN):                          | NOT REGULATED   |  |
| 14.4 | TDGR (Canadian GND):                 | NOT REGULATED   |  |
| 14.5 | ADR/RID (EU):                        | NOT REGULATED   |  |
| 14.6 | SCT (MEXICO):                        | NOT REGULATED   |  |
| 14.7 | ADGR (AUS):                          | NOT REGULATED   |  |
|      |                                      | 15. REGULATORY I  | NFORMATION   |
| 15.1 | SARA Reporting<br>Requirements:      | This product does not contain any substances sub  | oject to SARA Title III, Section 313 reporting requirements.   |
| 15.2 | SARA Threshold Planning<br>Quantity: | There are no specific Threshold Planning Quantiti   | ies for the components of this product.  |
| 15.3 | TSCA Inventory Status:               | The components of this product are listed on the  | TSCA Inventory or are otherwise exempt.  |
| 15.4 | CERCLA Reportable Quantity           | NA  |  |
| 15.5 | (RQ):<br>Other Federal Requirements: | None of the ingredients are listed as Hazardou  | s Air Pollutants (HAPs). None of the ingredients are listed as Toxone of the ingredients are listed as Priority Pollutants under the Cleany Class 1 or Class 2 ozone depletors.  |
| 15.6 | Other Canadian Regulations:          | Regulations (CPR) and the SDS contains all  | of the hazard criteria of the Controlled Products of the information required by the CPR. The L/NDSL. None of the components of this product MIS D2B (Other Toxic Effects)   |
| 15.7 | State Regulatory Information:        | criteria lists: California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Know  | centration of 1.0% or greater, are listed on any of the following state Delaware Air Quality Management List (DE), Florida Toxic Substance List (MA), Michigan Critical Substances List (MI), Minnesota Hazardow List (NJ), New York Hazardous Substances List (NY), Pennsylvar Exposures List (WA), Wisconsin Hazardous Substances List (WI).   |
| 15.8 | Other Requirements:                  | The primary components of this product are listed Harmful (Xn). Risk Phrases (R): 20- Harmful if in children. Do not breathe dust. If swallowed immediately and show this container or label whe        | haled. <u>Safety Phrases</u> (S): 2-62 - Keep away from I, do not induce vomiting: seek medical advice   |
|      |                                      | 4C OTHER INC  | DMATION  |
|      | •                                    | 16. OTHER INFO  |  |
| 16.1 | Other Information:                   | protective gloves/eye protection/face protection. medical advice/attention. <b>KEEP LOCKED UP AN</b>  | IF INHALED: Call a POISON CENTER/doctor if you feel unwell. We IF ON SKIN – Wash with soap and water. If skin irritation occurs: GID OUT OF REACH OF CHILDREN. Die with all paints. Synthetic hydro-entangled fibers are locked together.  |
| 16.2 | Terms & Definitions:                 | See last page of this Safety Data Sheet.  |  |
| 16.3 | Disclaimer:                          | government regulations must be reviewed for ap<br>Tools USA, Inc.'s knowledge, the information<br>accuracy, suitability or completeness is not guara<br>provided. The information contained herein rela | SHA's Hazard Communication Standard, 29 CFR §1910.1200. Oth pplicability to this product. To the best of ShipMate's & Harbor Freig contained herein is reliable and accurate as of this date; however anteed and no warranties of any type, either expressed or implied, a tes only to the specific product(s). If this product(s) is combined with the considered. Data may be changed from time to time. Be sure |
| 16.4 | Prepared for:                        | Harbor Freight Tools USA, Inc.<br>26541 Agoura Road<br>Calabasas, CA 91302 USA<br>Tel: +1 (805) 388-1000<br>http://www.harborfreight.com  | HARBOR FREIGHT TOOLS Quality Tools at Ridiculously Low Prices  |
| 16.5 | Prepared by:                         | ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>                                  |  |

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.1

SDS Revision Date: 7/25/2015

## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

| CAS No.                 | Chemical Abstract Service Number                          |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|
| EXPOSURE LIMITS IN AIR: |   |  |  |  |  |  |
| ACGIH                   | American Conference on Governmental Industrial Hygienists |  |  |  |  |  |
| С                       | Ceiling Limit   |  |  |  |  |  |
| ES                      | Exposure Standard (Australia)                             |  |  |  |  |  |
| IDLH                    | Immediately Dangerous to Life and Health                  |  |  |  |  |  |
| OSHA                    | U.S. Occupational Safety and Health Administration        |  |  |  |  |  |
| PEL                     | Permissible Exposure Limit                                |  |  |  |  |  |
| STEL                    | Short-Term Exposure Limit                                 |  |  |  |  |  |
| TLV                     | Threshold Limit Value                                     |  |  |  |  |  |
| TWA                     | Time Weighted Average                                     |  |  |  |  |  |

#### FIRST AID MEASURES:

CPR Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

#### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

| 0 | Minimal Hazard    |  |  |  |  |
|---|-------------------|--|--|--|--|
| 1 | Slight Hazard     |  |  |  |  |
| 2 | 2 Moderate Hazard |  |  |  |  |
| 3 | Severe Hazard     |  |  |  |  |
| 4 | Extreme Hazard    |  |  |  |  |



### PERSONAL PROTECTION RATINGS:

|   | <br> |   |  |
|---|------|---|--|
| Α |      |   |  |
| В |      |   |  |
| С |      |   |  |
| D |      |   |  |
| Е |      |   |  |
| F |      | 4 |  |





sses Splash Goggi





Synthetic Apron

Protective Clothing & Full Suit

Dust Respirator







Airline Hood/Mask or SCBA

## OTHER STANDARD ABBREVIATIONS:

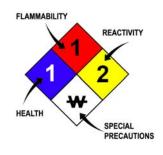
| ML    | Maximum Limit                      |
|-------|------------------------------------|
| mg/m3 | milligrams per cubic meter         |
| NA    | Not Available                      |
| ND    | Not Determined                     |
| NE    | Not Established                    |
| NF    | Not Found                          |
| NR    | No Results                         |
| ppm   | parts per million                  |
| SCBA  | Self-Contained Breathing Apparatus |

## NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

| FLAMMABILITY LIMITS IN AIR: |   |  |  |  |  |  |  |
|-----------------------------|---|--|--|--|--|--|--|
| Autoignition<br>Temperature | Minimum temperature required to initiate combustion in air with no other source of ignition   |  |  |  |  |  |  |
| LEL                         | Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source  |  |  |  |  |  |  |
| UEL                         | Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source |  |  |  |  |  |  |

#### HAZARD RATINGS:

| 0       | Minimal Hazard  |  |  |  |  |
|---------|-----------------|--|--|--|--|
| 1       | Slight Hazard   |  |  |  |  |
| 2       | Moderate Hazard |  |  |  |  |
| 3       | Severe Hazard   |  |  |  |  |
| 4       | Extreme Hazard  |  |  |  |  |
| ACD     | Acidic          |  |  |  |  |
| ALK     | Alkaline        |  |  |  |  |
| COR     | Corrosive       |  |  |  |  |
| ₩       | Use No Water    |  |  |  |  |
| ОХ      | Oxidizer        |  |  |  |  |
| TREFOIL | Radioactive     |  |  |  |  |



#### TOXICOLOGICAL INFORMATION:

| LD <sub>50</sub>   | Lethal Dose (solids & liquids) which kills 50% of the exposed animals s |
|--|---|
| LC <sub>50</sub>   | Lethal concentration (gases) which kills 50% of the exposed animal      |
| ppm  | Concentration expressed in parts of material per million parts          |
| TD <sub>io</sub>   | Lowest dose to cause a symptom  |
| TCLo   | Lowest concentration to cause a symptom                                 |
| TD <sub>io</sub> , LD <sub>io</sub> , & LD <sub>o</sub> or | Lowest dose (or concentration) to cause lethal or toxic effects         |
| TC, TC <sub>o</sub> , LC <sub>lo</sub> , & LC <sub>o</sub> |   |
| IARC   | International Agency for Research on Cancer                             |
| NTP  | National Toxicology Program   |
| RTECS  | Registry of Toxic Effects of Chemical Substances                        |
| BCF  | Bioconcentration Factor   |
| TL <sub>m</sub>  | Median threshold limit  |
| log K <sub>ow</sub> or log K <sub>oc</sub>                 | Coefficient of Oil/Water Distribution                                   |

#### REGULATORY INFORMATION:

| WHMIS  | Canadian Workplace Hazardous Material Information System                        |  |  |  |  |  |
|--|---|--|--|--|--|--|
| DOT  | U.S. Department of Transportation   |  |  |  |  |  |
| TC   | Transport Canada  |  |  |  |  |  |
| EPA  | U.S. Environmental Protection Agency  |  |  |  |  |  |
| DSL  | Canadian Domestic Substance List  |  |  |  |  |  |
| NOHSC National Occupational Health and Safety Commission (Australia) |   |  |  |  |  |  |
| NDSL   | Canadian Non-Domestic Substance List  |  |  |  |  |  |
| PSL  | Canadian Priority Substances List   |  |  |  |  |  |
| TSCA   | U.S. Toxic Substance Control Act  |  |  |  |  |  |
| EU   | European Union (European Union Directive 67/548/EEC)                            |  |  |  |  |  |
| WGK  | Wassergefährdungsklassen (German Water Hazard Class)                            |  |  |  |  |  |
| HMIS-III   | National Paint & Coatings Association Hazardous Materials Identification System |  |  |  |  |  |

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

|            | WORKE ENGLINE AND GOO MINTELENING IDENTIFICATION (WITHING) OF OTELLIN. |            |          |            |            |           |          |  |  |  |
|------------|--|------------|----------|------------|------------|-----------|----------|--|--|--|
|            | <b>*</b>   | <b>(2)</b> | (3)      | $\odot$    | (18)       |           |          |  |  |  |
| Class A    | Class B  | Class C    | Class D1 | Class D2   | Class D3   | Class E   | Class F  |  |  |  |
| Compressed | Flammable  | Oxidizing  | Toxic    | Irritation | Infectious | Corrosive | Reactive |  |  |  |

#### EC (67/548/EEC) INFORMATION:

| I.        |           | M         | *       |           |       | X        | X       |
|-----------|-----------|-----------|---------|-----------|-------|----------|---------|
| С         | Е         | F         | N       | 0         | Т     | Xi       | Xn      |
| Corrosive | Explosive | Flammable | Harmful | Oxidizing | Toxic | Irritant | Harmful |

## CLP/GHS (1272/2008/EC) PICTOGRAMS:

|           |           |          | $\Diamond$  |           |       | $\Leftrightarrow$     |                  | *           |
|-----------|-----------|----------|-------------|-----------|-------|-----------------------|------------------|-------------|
| GHS01     | GHS02     | GHS03    | GHS04       | GHS05     | GHS06 | GHS07                 | GHS08            | GHS09       |
| Explosive | Flammable | Oxidizer | Pressurized | Corrosive | Toxic | Harmful<br>Irritating | Health<br>Hazard | Environment |