

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

TRADE NAME: THERMACLEAN 095-0042  
DESCRIPTION: POWDER  
PRODUCT CODE IDENTITY: 0950042KCR  
NPCA HMIS RATING: H 3 F 0 R 0

REVISION: 07  
LAST REVISED : 11/20/2006  
DATE OF ISSUE: 11/29/2006

COMPANY NAME: COOK COMPOSITES AND POLYMERS CO.  
ADDRESS: 820 E. 14th AVENUE  
NORTH KANSAS CITY, MO 64116  
CUSTOMER:

PREPARED BY:  
HAZARD COMMUNICATION DEPT.  
INFORMATION TELEPHONE:  
COMPOSITES: 1-800-821-3590  
POLYMERS: 1-800-488-5541

ATTENTION:

24 HOUR RESPONSE NUMBER (CHEMTREC): 1-800-424-9300 (NORTH AMERICA)  
703-527-3887 (INTERNATIONAL)

CCP certifies that its products comply with all the provisions of the Toxic Substances Control Act (TSCA), unless otherwise stated by ingredient in Section II.

\*\*\*\*\*  
\*\*\* The percent by weight composition data given in Sections II \*\*\*  
\*\*\* and X are NOT SPECIFICATIONS, but are based on 'target' \*\*\*  
\*\*\* formula values for each ingredient in the product. The data \*\*\*  
\*\*\* are presented as ranges for low hazard ingredients and single \*\*\*  
\*\*\* point values for ingredients of regulatory concern. Actual \*\*\*  
\*\*\* batch concentrations will vary within limits consistent with \*\*\*  
\*\*\* separately established product specifications. \*\*\*  
\*\*\*\*\*

SECTION II INGREDIENTS

1  
CAS# 000497-19-8  
SODIUM CARBONATE  
PCT BY WT: 30 - 40  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE ESTABLISHED  
OSHA PEL/TWA: 15 mg/m3 Total Dust; 5 mg/m3 Respirable dust

2 PURE CHEMICAL  
CAS# 006834-92-0  
SODIUM METASILICATE NA2SIO3  
PCT BY WT: 30 - 40  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE ESTABLISHED  
OSHA PEL/TWA: 15 mg/m3 TOTAL DUST; 5 mg/m3 RESPIRABLE DUST

3  
CAS# 008002-09-3  
PINE OIL  
PCT BY WT: 1 - 5  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE ESTABLISHED  
OSHA PEL/TWA: NONE ESTABLISHED

4  
CAS# 029911-28-2  
DIPROPYLENE GLYCOL MONOBUTYL ETHER

PCT BY WT: 5 - 10      VAPOR PRESSURE:      .050 MMHG @ 68F  
EXPOSURE LIMIT:

---

5

\*\*\*\*\*  
\* THERMACLEAN 095-0042 \*  
\* MATERIAL SAFETY DATA SHEET \*  
\* 0950042KCR \*  
\*\*\*\*\*

NONIONIC AND ANIONIC SURFACTANTS

ON TSCA INVENTORY CAS# PROPRIETARY  
PCT BY WT: < 1

EXPOSURE LIMIT:

ACGIH TLV/TWA: NONE ESTABLISHED  
OSHA PEL/TWA: NONE ESTABLISHED

-----  
\*\*\*\*\*  
This product contains no reported carcinogens or suspected  
carcinogens.  
\*\*\*\*\*  
-----

SECTION III PHYSICAL DATA

-----  
Boiling Range: High- -N/A F Low- 403.0 F  
Vapor Pressure: See Section II  
Theoretical Weight per Gallon, Calculated: 11.9005 LB/GL  
Theoretical Specific Gravity, Calculated: 1.430  
Theoretical VOC, Calculated: 1.785 LB/GL  
--If applicable, see Section X for further VOC information--  
Physical State: SOLID  
Appearance: STRAW YELLOW  
Odor: PINE  
Odor Threshold: -N/A  
pH: -N/A  
Freezing Point: -N/A  
Water Solubility: SOLUBLE  
Coefficient of Water/Oil Distribution: -N/A  
Mechanical Impact Explosion: NO KNOWN HAZARD  
Static Electricity Explosion: NO KNOWN HAZARD  
-----

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CHARACTERISTICS:

Lowest Closed Cup Flashpoint: 220.0 degrees F  
OSHA Flammability Classification: N/A  
DOT Flammability Classification: N/A  
Lower Flammable Limit in Air: Lower- -N/A % by volume  
DOT Shipping Name:  
CHEMICALS, N.O.I.

EXTINGUISHING MEDIA:

Foam, carbon dioxide, dry chemical, water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Keep containers tightly closed and isolate from heat, electrical equip-  
ment, sparks and flame. Never use welding or cutting torch on or near  
drum (even empty) because product (even just residue) can ignite explo-  
sively.

\*\*\*\*\*  
\* THERMACLEAN 095-0042 \*  
\* MATERIAL SAFETY DATA SHEET \*  
\* 0950042KCR \*  
\*\*\*\*\*

If applied in confined areas and tanks, use only explosion-proof and properly grounded equipment, spark-proof tools and spark-proof shoes.

SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

ADDITIONAL TRANSPORTATION INFORMATION:

Freight Classification:

NMFC: 48581 CLEANING COMPOUNDS, SOLID, NOI LTL CLASS 55

-----  
SECTION V HEALTH HAZARD DATA  
-----

EFFECTS OF EXCESSIVE OVEREXPOSURE. PRIMARY ROUTES OF ENTRY ARE:

EYE CONTACT:

Extreme irritation, burns and corneal injury. Symptoms are tearing, redness and discomfort.

SKIN CONTACT:

Extreme irritation or burns. Can cause defatting of skin which may lead to dermatitis.

INHALATION:

Irritation to nose and throat. Inhalation overexposure may cause irritation of the upper respiratory system.

INGESTION:

May cause mouth, throat, esophagus and stomach irritation, nausea, vomiting and diarrhea.

MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Preexisting eye, skin, liver, kidney and respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES:

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water while removing contaminated clothing and shoes. Wash contaminated clothing. Thoroughly clean contaminated shoes. If affected by inhalation of vapors or spray mist, remove to fresh air. If swallowed, immediately dilute by drinking large quantities of milk and water. DO NOT induce vomiting. Get medical attention.

CALIFORNIA PROPOSITION 65 INFORMATION:

This material contains no intentionally-added ingredients, covered by the California "Safe Drinking Water and Toxic Enforcement Act of 1986" (Proposition 65), unless specifically stated under OTHER HEALTH HAZARDS, by individual chemical.

OTHER HEALTH HAZARDS:

-----  
SECTION VI REACTIVITY DATA  
-----

STABILITY: Stable HAZARDOUS POLYMERIZATION: None under normal conditions.  
CONDITIONS TO AVOID:

Elevated temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong acids and strong oxidizing agents. If this product is not water reducible, avoid water.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or combustion can produce fumes containing organic acids, carbon dioxide and carbon monoxide.

\*\*\*\*\*  
\* THERMACLEAN 095-0042 \*  
\* MATERIAL SAFETY DATA SHEET \*  
\* 0950042KCR \*  
\*\*\*\*\*

-----  
SECTION VII SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Avoid breathing vapors. Ventilate area. Contain and remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers. Incinerate in approved facility.

-----  
SECTION VIII SPECIAL PROTECTION INFORMATION  
-----

RESPIRATORY PROTECTION:

Do not breathe vapors or inhale dust of this product. Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and other use of this product until vapors and dusts are exhausted, unless air monitoring demonstrates vapor and dust levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Use approved chemical/mechanical filters designed to remove a combination of particles and vapors. In confined areas, use approved air supplied respirators or hoods. Observe OSHA Standard 29CFR 1910.134.

VENTILATION:

Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the lower explosion limit and below current applicable exposure limits. If exposed to vapors, open windows and doors or use other means to ensure fresh air delivery during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory equipment (NIOSH/MSHA TC23C or equivalent), or leave the area.

PROTECTIVE GLOVES:

Use solvent impermeable gloves to avoid contact with product.

EYE PROTECTION:

Do not get in eyes. Use safety eyewear with splash guards or side shields, chemical goggles, face shields.

OTHER PROTECTIVE EQUIPMENT:

Do not get on skin. Use impermeable protective clothing. Prevent skin contact with contaminated clothing. Wash clothing before reuse. Thoroughly clean contaminated shoes. Eye bath and safety shower should be available.

-----  
SECTION IX SPECIAL PRECAUTIONS  
-----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store above 120 deg. F. Keep away from heat and flame. Keep containers closed when not in use and upright to prevent leakage. Do not transfer contents to unlabeled bottles or other containers.

OTHER PRECAUTIONS:

Do not take internally. Wash hands after using and before smoking or eating. If this product is blended with other components such as thinners, converter, colorants and catalysts prior to use, read all warning labels. Any mixture of components will have hazards of all components. Follow all precautions. If spraying this material, keep spray booths clean. Avoid buildup of spray dust or overspray in booths or ducts.

KEEP OUT OF REACH OF CHILDREN

FOR INDUSTRIAL USE ONLY

-----  
SECTION X Sara Title III Information  
-----

SARA 313 INFORMATION:



\*\*\*\*\*  
\* THERMACLEAN 095-0042 \*  
\* MATERIAL SAFETY DATA SHEET \*  
\* 0950042KCR \*  
\*\*\*\*\*

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

-----  
\*\*\*\*\*  
DISCLAIMER AND LIMITATION OF LIABILITY  
\*\*\*\*\*  
-----

The products sold hereunder shall meet Seller's applicable specifications at the time of shipment. Seller's specifications may be subject to change at any time without notice to Buyer. Buyer must give Seller notice in writing of any alleged defect covered by this warranty (together with all identifying details, including the Product Code(s), description and date of purchase) within thirty (30) days of the date of shipment of the product or prior to the expiration of the shipment's quality life, whichever occurs first. THE WARRANTY DESCRIBED HEREIN SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. The Buyer's sole and exclusive remedy against Seller shall be for the replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist by Seller. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER.

The sole purpose of this exclusive remedy shall be to provide Buyer with replacement of the product or refund of the purchase price of the product if any defect in material or workmanship is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Seller is willing and able to replace the defective products or refund the purchase price.